

Meeting Minutes
Iowa State Interoperable Communications System Board
September 8, 2016
West Des Moines City Hall
4200 Mills Civic Parkway
West Des Moines, Iowa

John R. Benson
HSEMD

VACANT
Iowa DPH

Carole Lund-Smith
ILEA

Andy Buffington
Communications Center

David Ness
Municipal Police Department

Denise Pavlik
Communications Center

Linda Frederiksen
EMS

Kelly Groskurth
Member At-Large

Ellen Hagen
Fire Department (Volunteer)

Ted Kamatchus
Sheriff's Office

Michael Kasper
Sheriff's Office

Deb Krebill
Fire Department

Tom Lampe
Iowa DPS

Jason Leonard
Municipal Police Department

Jeffery Swearngin
Iowa DNR

Patrick Updike
Iowa DOC

Bob von Wolfradt
Office of the CIO

Robert A. Younie
Iowa DOT

Legislative Members
Senator Chris Brase
Senator Randy Fenestra
Representative Bob Kressig
Representative Steven Holt

Meeting called to order by Chair Lampe at 10:30 am

Conference telephone line was opened for public listening and comment, and for Board members who found it impractical to attend in person.

Voting Members in Attendance: Jason Leonard, Ted Kamatchus, Tom Lampe, John Benson, Jeff Swearngin, Andy Buffington, David Lorenzen, Marty Smith, Ellen Hagen, David Ness, Carole Lund-Smith

Members via conference line: Brian Dreiling representing Bob von Wolfradt, Patrick Updike, Denise Pavlik, Michael Kasper, Linda Frederiksen

Non-Voting: SWIC Craig Allen by phone, Deputy SWIC Helen Troyanovich, Outreach Specialist Shawn Wagner

Absent: Deb Krebill, Bob von Wolfradt, Kelly Groskurth

Guests: Shweta Agrahari, Iowa Communications Network (ICN); Ric Lombard, Executive Director, ICN; Stephen Rodriguez, ICN; Melvin Mercado, Rob Koppert, Cass Co 911; Brian Krumm, JVC Kenwood; Duane Vos, RACOM; Blake DeRouchey, Homeland Security; Tracey Bearden, Polk Co EMA; Tim Malott, Cedar Co EMA; Marcia Slycord, Pella PD; Steve Gray, IA DOT; Jarrod Green, DOT Communications; Rob Denhert, Westcom; Alice Wisner, Legislative Services Agency; Jontell Harris, ICN; Mark Johnson, ICN; Michele Brischof, DM Fire Department

Approval of Agenda: Ted Kamatchus made a motion to approve agenda with the addition of Consultant Funding under New Business. Andy Buffington seconded this motion. All in favor. Motion passed.

Approval of Minutes: Ellen Hagen made a motion to approve minutes from July 14, 2016 Board meeting. Jason Leonard seconded this motion. All in favor. Motion passed.

SWIC Report – SWIC Craig Allen reported on the following items:

- SWIC Allen spent most of the month working on the LMR and FirstNet initiative along with some work in administration. Also, worked with User Group Committee aligning the requirements for application to use ISICS. Due to a poor connection on the phone lines for SWIC Allen, call to report so he deferred his report.
- DSWIC Troyanovich reported that the month of August brought additional work in the Public Safety Communications Research (PSCR) on the user interface. Advances were made onto 5, 10 & 15 years into the future and have been discussing how artificial intelligence and virtual reality will affect public safety in the future. Augmented reality will change the way in how first responders will use their user interface. Wearable and different technologies will affect them. There are different folks from industry, National Institute of Standards and Technology (NIST), DHS Science and Technology. They are doing a road map so there will be a report that is generated out of this from PSCR. Iowa will be represented because we do have to provide feedback and perform research. One of the things that has been researched for them was, her area of interest, is where we are going with quantum computing; also, LTE networks are going from 4G to 5G by 2020 or so. By 2020, the standards will be ready; by 2025, they may hit the streets or airwaves. How that tracks with quantum computing and how things are done faster at the edge. It is exciting that Iowa gets to be a part of this research and we have a voice in the road map in what our first responders are going to be holding in their hands.
- DSWIC gave the following RIC reports: Brian Blodgett, Region 2 chair, has been very busy in August. He attended the Quality of service Priority and Preemption (QPP) FEMA Region 7 meeting here in Iowa. Brian represented the FirstNet committee when we had one of the members, Captain Walser, sent elsewhere, so Brian stepped in. He has been busy doing outreach for FirstNet. Brian and Joel Rohne do more outreach for FirstNet than most are aware of. She has designed presentations for them that they have taken to the ICIT, the EMAs in their area and they are even discussing doing something for APCO about WISE Schools project. What he said on his update is that they continue to meet monthly, do outreach and information via their IT group. They contact their EMA groups and give them the outreach information, the Sheriffs, and the other groups in the region. The information updates from this last month include the LMR talk group assignment ideas. That was something they were involved in. There was also good discussion around FirstNet QPP. For Region 3 we were vacant on a chair for several months and now we can report that as of 2 weeks ago the Region 3 members voted in Glen Sedivy. Mr. Sedivy is the Woodbury Communications Director and he is now the Region 3 Chair. This was reported by RIC 3 Vice Chair Shawn Olson. SWIC Allen and DSWIC Troyanovich met with Mr. Sedivy after the Board meeting last month to discuss what it meant to be a RIC chair. He was nominated by Shawn and then went through an email voting process. RIC Region 4 Chair Doug Reed reported that he did not have a meeting last week. He did send out to his team the

QPP link for the recorded session and PDF. His next meeting will be in September. Some of the members were gone to a conference. Region 5 one member attended the meeting, Larry Smith, and he wanted to attend a RIC meeting that was more populous. Region 5 has not been well attended. Therefore, DSWIC Troyanovich asked Doug Reed if Larry could come to his meeting next September. Region 6 had nothing to report. Eric Dau is Vice Chair and does not have a chair at this time and does not hold regular meetings and finds little interest in regular regional meetings in that region. He does participate in the UGC and he does participate in ISICS activities. Region 5 and 6 do not have chairs at this time. Region 5 is considering a co-chair, maybe having two people co-chair. Region 5 does have a Vice Chair, Jim Mitchell.

- Rob Dehnert, Region 1 RIC Chair reported that at the last meeting the topic that came up about the National Weather Service and Metro Incident Command Radio here in central Iowa, the weather service approached the MICRON committee about what its future could be here in central Iowa. It was formed after the floods of '93 and existed on a commercial network here in the area since '93. Knowing about the ISICS platform they were wondering what their future would be both for MICRON as a network in central Iowa but also for the National Weather Service. Their discussions led them to conclude that it did not appear the people had direct radio communication with the National Weather Service and most other places around the state and the weather service believed that it was valuable. They have found that to be valuable here in central Iowa and the discussion spawned into why not get all of the five national weather service offices around the state onto the ISICS platform. The weather service seems very interested and from a first responders perspective this could be a very good thing. We have carried this discussion on to the UGC and will carry accommodations to the weather service to be on the platform and available to other users on the platform.

E911 Council Report & E911 Program Manager— Blake DeRouchey reported the administrative rules hearing for the legislation that was passed earlier this year is set for September 13th, sometime between 11:00 and Noon in Room 116 in the Capitol building. The E911 Council approved 17 grants today. So far, they have approved 3.3 million dollars out of the allotted 4.4 million dollars for this year. Also tasked in the legislation was for them to do a consolidation study both looking at virtual and shared services as well as physical. The workshops for this has been set for September 27 in Sioux City, September 29 in Cedar Rapids, and October 7 will have 2 sessions both at the State Emergency Operations Center, a general session in the morning and vendor session in the afternoon. They are all open public meetings and you can attend whatever you want. There is also one on October 24 at the Ramada Tropics on Merle Hay; it is in conjunction with the APCO/NENA Conference. On the afternoon of October 24, their office does a 911-program update or training session, also in conjunction with the APCO/NENA Conference. They are going to continue to hold their meeting in October as scheduled.

User Group Committee – Chair Andy Buffington reported much discussion at the User Group Committee level in preparation for the Optimization DDR (Detailed Design Review) that is coming up. They are talking in depth about device allocation as well as some of the things that need ironed out, specifically Interop talk groups. There is a lot of work that needs to be done and a lot of stuff that until that Optimization DDR has taken place that those decisions will be made during that time. They are close to resolutions on allocations, how

they are going to set up those device IDs and that naming convention that is going on that will come to the Board through the DDR and through UGC as everyone is trying to work cooperatively. They are talking with Technology, Governance, and Operations, trying to share information and not leave anybody out. Rob Dehnert brought to the UGC the idea of having a talk group created specifically for the National Weather Service and the 5 offices that serve the State of Iowa that also opens of things like the HAN. Do we migrate that into the LMR/ISICS platform or not. I hope that there will be many things like that available for the users. He is also pleased that we will have the first applicant that is coming in front of the Board this morning. Dallas County has submitted their application and all their materials, they did a wonderful presentation last month at the Oran Pape Building and the User Group Committee recommends that Dallas County be approved for ISICS access. With that there needs to be formal Board action.

Andy Buffington made a motion for Dallas County to access the ISICS platform. Ellen Hagen seconded the motion. All in favor. Motion passes.

The User Group committee is going to continue to work as diligently as possible with the vendor as well as Dallas County. They are right at the point that they need to start programming their system and radios. He is in communications with Terry McClanahan about trying to get some of these things done. He appreciates Dallas County's patience with us, as they are the ones that will blaze the trail in the state of Iowa. DSWIC Troyanovich did some work this morning and on the ISICS website, there is an applicant section under the LMR platform so you can go on and get a sample Letter of Intent. That Letter of Intent needs to be sent to Chair Lampe. Once Chair Lampe receives that, he will let Chair Buffington know and as UGC chair, he will forward on the MOA as well as the Matrix of Users. SWIC Allen and Chair Buffington have had conversations about the Matrix of Users. When you first look at it, it can be confusing. SWIC Allen is hoping that if anyone has questions or concerns about that form, that you contact him. Once that information gets back to the User Group Committee, then it will be on the agenda for approval. Chair Lampe asked about along the lines of protocols and forms, we like to look for best practice, would the User Group committee consider adopting either a state or city or county that done it in the past, their forms, policies, protocols, user lists that we could borrow from them and use and adapt to those form changing from ARMOR to ISICS and going through those to get a baseline going so we don't have to stall any progress. We will probably be overwhelmed with applications within this next year so we should have something in place going off best practices. Would the UGC entertain something like that? Chair Buffington stated "absolutely". He stated they have had conversations about this in the past. He has looked at Minnesota and had conversations with them. Also Ohio, Illinois, Michigan, however he has a full time job and he has to make sure those things get done first so he does not have the 20 hours per week to dedicate to this. He would like to review any information they can find as he can. He wants to move forward as quickly as we can but does not want to do something that will end up being more work for the applicants and users. The User Group Committee as a whole will be extremely pleased with that. Chair Lampe will work with the SWIC and get some absolutely must have forms, policies and protocols. Kamatchus stated there were a number of systems and maybe we need to talk to those systems so we do not end up reinventing the wheel because that could be very costly for many. So if there are substantial amounts of current agencies in Iowa who have adopted a system of some sort, should go there first before looking out of state. Chair Lampe stated a statewide system is different from a pocket. He stated Chair Buffington would be open to any thing we can use. Chair Buffington stated that if you go to the website and look under calendar you could see that the UGC meets on

Thursday mornings. Anyone is always welcome to join the conference call, listen, and contribute.

Finance Report – No Report

Governance Committee – SWIC Allen reported the committee met and reviewed the UGC application document. The general agreement was to move forward. Chair Buffington was at the meeting and provided some of his insight to the group. SWIC Allen stated he has received several phone calls from applicants trying to get funding from the Homeland Security Emergency Management (HSEM) E911 Council consolidation grant program. The committee then reviewed Policy 2015-01. There were issues about term requirements. A 3-year staggered term would be appropriate time agreed to by the committee. How we get there in the beginning might be a little disjointed. *(SWIC Allen was calling in via telephone and the call was very broken).*

The term appointment will be 3 years and each member's appointment would be staggered such that no more than one third of membership would be lost in one year. So that means to get started some members might have a 1-year term appointment, others would have a 2-year appointment and some 3-year appointment. They wanted to make sure those terms were distributed across the region so that we do not have any particular region losing all of its membership at one time. The last thing they looked at was re-appointments, how long could or should a member serve in this voting position? The committee believes down the road there will be more people interested in becoming voting members.

Operations Committee – Chair Ted Kamatchus deferred to Vice Chair Hagen. She reported they have had their conference calls and they need to know what they are supposed to be doing. Chair Kamatchus updated the Board on his status. He originally planned on this being his last Board meeting and he had urged the Chair to pick someone to head up the Operations committee. He had talked to the President of the Iowa Sheriff's & Deputies Association on several occasions. They had been talking and have asked Kamatchus to stay with Board for just a little longer. He will be done as sheriff on January 2, 2017. He will work to help them get a replacement going for when he retires. Three names have been vetted; they want to make sure that the incoming president has some input in this decision. Chair Lampe asked Kamatchus if he could assist in getting Vice Chair Hagen started. They can move forward the STR trailer operations when they hear from DPS to find out who the replacement will be for the lead on the trailers operations. Regarding public/private partnerships, we had begun to work on them but it also ended.

Outreach Committee – Chair John Benson reported the he needs a little help from SWIC Allen, the folks at Motorola with regard to finishing the FAQ based on the questions and feedback that we received back from the policy and technology based webinars that were conducted. Would like to get that finished up as soon as possible. The committee would still like to see the monthly updates in terms of how the deployment of the network is going so you could do a webinar once a month on that. Kind of a steady feed in terms of what is progress and what is developing. He needs to work with SWIC Allen and Chair Lampe on that. He stated the webinars are still on the web. You can go to Board's website and it may be found.

Shawn Wagner reported that we have been frequently on the WISE project and updating what we are going to do with that. Last night was the environmental study with FirstNet being

here. Have also been working on the website, 3.0. This is the third version of our website. On the FirstNet, we have been working on a new presentation for new outreach. We want to do metro outreach involving the RICs. Chair Lampe stated we did renew the Connect Iowa contract.

Training and Exercise Committee – Denise Pavlik reported the committee discussed training needs and finding grants they could obtain funds from. The biggest thing they are planning right now is they are having Communication Center Manager training in Davenport on September 26-28. It will be posted on the website. There can only be 20 people in the class. The whole purpose is to have some managers trained on the trailers. She is sure there will be a good turnout.

Technical Committee – Vice Chair Patrick Updike reported they are still working with the P25 fleet mapping. There will be more conversations with Andy Buffington. Another item discussed was the NIFOG/IFOG Interoperability channels. In the July call, they looked at the web page that Rob Dehnert has with all his documentation. They did move forward with putting that link on the ISICS web page so people can reference those documents. These documents cover a lot of different mutual aid and Interop channels. In that discussion of the Interop channels, it was brought to our attention by a Board member that he had had a situation where a missing person's incident took place and with all of the incoming assistance, not everyone had the Interop channels programmed into their radios. Therefore, the discussion started on what could be done to correct that problem. It was brought to everyone's attention that there is already a policy that says it is policy ISICS MC12-b, January 21, 2014, that lays out the interoperability channels that should be programmed in radios in the VHF/UHF 700-800 bandwidth. Therefore, this person's concern was how you mandate people put Interop channels into their radios. We do not have any enforcement capabilities to do that. Part of this concern was based on the wording of this document that says that you should instead of shall use Interop frequencies in your radios. Conversation went forward with looking into the possibility of taking this document and pushing it back to the Governance Committee and have them review this consider a change of wording from should to shall and one of the other things that we would like to do in the process of pushing that over to Governance for consideration is to add wording in this policy that would state that these minimum interoperability channels should follow the NIFOG handbook when it comes to CTCSS and NAC codes because currently that document does not lay any of that out. We are in the process of getting that over to the Governance Committee to look into that. Another topic that came up was how was an agency going to pay for getting these channels programmed in and so he did a little outreach outside of the Technology Committee and was able to get some ideas of how to seek some sort of funding or grants to help pay for that. The action items for these 2 meetings was to suggest that the ISICS policy be for minimum interoperability channels and nomenclature will have the word shall replace the word should, suggest that the conventional Interop channels be required to be programmed into radios that also access the ISICS platform which we are currently discussing with UGC Chair Andy Buffington. Doing that would ensure that any of the radios that get on the ISICS platform would have these conventional channels programmed into the various zones of that radio. Another part of the discussion there was talk of the removal of a list of COMLs and COMTs currently on the ISICS web page and investigation of the development of a list of credentialed COMLs and COMTs that could be published online or on CASM. Chair Lampe stated he remembers this policy as one of the first policies that was passed before we adopted the year and number policy. Given that we talked about the word shall and should, it was shall but we

put it back to should. We do not have any authority so he cautions that if we change that word, it does not change anything because the Board still does not have authority to force people to put that in there. We did talk about at the time we did have the IAGC grants that we were running off of that and we needed to get spent down before we had to revert it back to the Feds, we had a plan that we were going to use that funding to help people program that money in but that never developed because the funding went away before we could get it done. Therefore, for the new Board members that is the history. To move forward with that Chair Lampe would suggest you could change it but if you do, you are not going to change the way we can handle that. In addition, our attorney general would probably have to get involved in that. Kamatchus stated there was much discussion on this and since there was not advantage in order to penalize. The other thing discussed was the possibility of adding verbiage that the agency who fails to utilize those channels to their system that they solely are responsible for any civil litigation that would arise based on the outcome of events where the lack of said channels of caused the failure of interoperability when an agency is responding. If you have inadequate training, the agencies themselves incur the responsibility of said action. The concern at the time was we did not want to draw ISICS down that path either. If you are going to go back and look it over, make sure you are going to address that type of issue. SWIC Allen stated this policy has been out since 2014 and maybe we could work with Homeland Security and other granting entities and say that part of the requirements of a future grant that touches on voice in any way or a dispatched center, the applicant would have to show that their radios had been appropriately programmed. That has been one of the issues that have come up; we have found the equipment has been improperly labeled. Something as simple as getting those programmed and aligned helps that user on the street in the middle of the night makes the right choice because it is appropriately aligned. Looking at the range of possibilities this is one that might be attractive. The grant application would require that they validate their radios were appropriately programmed in interoperability frequencies consistence with ISICS policy. Chair Lampe stated that if you want to join ISICS with your approved radios, you would have the channels in your radio to join ISICS at a minimum in this talk group just to solve that problem. Therefore, if you do come one, you are not getting on unless you have these radio channels in your frequency.

Rob Dehnert discussed an incident the previous day in southern Iowa with a school bus rollover where some were transferred to Des Moines hospital. Some crews could not find VLA 31 in their radios. This is going to happen until we get this fixed. He stated that it was said the Board does not have authority. He goes back to the telecommunications plan from November 30, 1994, that was prepared and approved by LEATAC. Do we need to go back to LEATAC and have them adjust this policy because that is where this is coming from? This policy that 155-475 is on has never been updated. So is it going to be LEATAC that will update it or is the Board going to do it? Lampe stated that LEATAC does not exist. Dehnert has been told that this Board replaced LEATAC but you say today this Board does not have the authority. So does LEATAC exist? Lampe stated that LEATAC was formed to be an advisory piece to the Commissioner of Public Safety. This does still exist in the Administrative Rules. Lampe stated there is still not authority whether you say LEATAC or ISICS; you are still back, to what if they do not do it. He asked what is LEATAC going to solve that ISICS cannot. Dehnert thinks it is back to the original plan that has never been updated. Kamatchus stated there is a problem that exists here but at the same time what authority does the Commissioner of Public Safety have to put over anybody who says they are not going to do that or who just fails to do it. The Board has the same type of authority granted by legislature but bottom line is we have to come up with some means of at least shifting liability. Andy Buffington stated this is similar to the issue that was had with point to point. There are identified public safety risks that we need to address and do what we can.

SWIC Allen recommends we take this conversation and break it down to a letter and send to the Director of Homeland Security and Program Manager for 911 recommending that any further grants that would touch the dispatch center follow along and be required to align with policies that have been outlined by the Board or will be outlined by the Board. It is a simple check box to say they are compliant the policies and if they have a question, they can give the SWIC a call or go through the UGC to see if they are compliant with either the ISICS or with the VHF bands that are creating tension. Then I think we can get to what Rob is looking for. Kamatchus stated that if you attach this to the 911-surcharge fund money, it would be taken care of in a month. He agreed if there was a way to do that without people feeling this was being punitive. It is an understanding piece. SWIC Allen would be happy to draft the letter for this a bring it to the Board meeting next month. Marty Smith stated the Department of Public Health has a large grant program. They have recently approved the purchase of some radios for Decatur County so don't forget when you are drafting the letter that there are other grant programs out there. He is the EMS Frequency Chair for the state so maybe is it something that he could assist with as well. He is not sure if there is any advantage from that way but approving those funds for the purchase of radios is something they can say yes you can have the radios but you have to have them programmed with NIFOG/IFOG or other frequencies you want.

Blake DeRouchey stated that whatever grant funds may be available in the future he does not see any problem with that. Two years ago, they took the P25 language and added that into the grant application so they can certainly look at something like that rather than listing every single requirement that changes periodically. Just referring back to whatever policies the ISICS Board might have. John Benson suggests that we are not the sole lending agency in the state and he would instruct the Board to keep in mind that any time an agency makes an application for a Federal grant, if its communications related, it has to check back to the SCIP, not policies or any of that, it checks back to the SCIP. He does not think our SCIP has this language in it. The document you should be referencing back to is the SCIP. It will be the simplest way to do it. Do not go back to policy, put it in the SCIP and make it part of the larger process. SWIC Allen states that has been part of the dilemma of getting it finalized, some of these things have come up in other conversations with the Federal groups and that is why the alignment of the SCIP is taking a different tact than it looked the last time. It needs to be down to three goals and we need to align behind those three goals. This fits perfectly with the LMR part.

FirstNet Broadband Subcommittee – Chair Lampe asked them to give a brief description of the FirstNet Broadband committee and what they do for the benefit of the new Board members. Jontell Harris reported FirstNet is still in the evaluation phase right now selecting the prime vendor for the network. The FirstNet Broadband Committee has still been working diligently on several projects. The Iowa FirstNet Public/Private Partnership Summit was Thursday, August 25, at the Grime Building. The summit is held twice a year typically in March and August to provide a space for public and private industries to come together and get an update on the FirstNet process. There were 6 panelists at the summit, Tom Lampe and Ric Lumbard, Bob von Wolffradt, Ryan Boone from Premier Communications, Dave Duncan from ICA and Ray Warner from Arian. There were 52 attendees in total. Distributed a survey directly following the summit and received good feedback. Several participants requested that we continue with the summit. The committee did vote earlier in the week to continue holding the summit twice a year, might look at doing the summits in April and September going forward so that we can allow time for the vendor to be selected and state plans to be released. The FirstNet Broadband Committee continues to engage in tribal outreach. We are working with the Meskwaki Tribe to identify quarterly update meetings with

them and we provided them with a survey to complete for user and coverage profile data collection. FirstNet has a dead line of September 30 so we are working to submit the data by then. August 16th Iowa was the host of the Quality of Service, Priority and Preemption Consultation Task Team meeting for FEMA Region 7. The FirstNet Broadband Committee had five representatives attend that meeting and provide insight on behalf of Iowa. The SPOC meeting is coming up in November, also expecting to schedule the executive consultations for the region and the metro engagements that Shawn Wagner mentioned earlier. FirstNet has also released the draft Programmatic Environmental Impact Statement for each state. It includes environmental analysis and considerations so the statement for the central region was released on August 12. FirstNet is inviting the public to comment during the 60-day public comment period, which ends October 11. In addition, during this time, FirstNet is traveling to each state and holding public meetings for the public to attend and any interest stakeholders to come learn about the project and ask questions. The public meeting for Iowa was last night at the Hyatt Hotel and the programmatic statement for Iowa is about 450 pages long and it can be downloaded on the Regulations.gov website.

FirstNet Broadband Committee Chair Ric Lombard gave a slide show with an overall update of FirstNet. He gave an overview of the history and mandate of FirstNet in general. In 2004, it was recommended that Congress should support pending legislation, which provides for the assignment of radio spectrum for public safety purposes. Interoperability was not able to happen, we could not cross communicate, and those who tried to use commercial cellular services were overloaded with the public in general utilizing that spectrum. There was legislation called Middle Class Tax Relief and Job Creation Act of 2012. The language in that said that law to do one thing by law created FirstNet and that was to set up a nationwide broadband cellular network that was for primary use by public safety. This was the demand that came from public safety. This will happen, by law they are tasked to do this. How well it is actually adopted and all those issues will really depend on the state levels. For the past 3 years, the FirstNet Broadband Committee has been the liaison position between FirstNet at a Federal level and the state public safety community. The FCC has broadband spectrum they have to use however, there is a block just for public safety, Band 14. They created some money by the sale of spectrum and they dedicated roughly 8 billion dollars for the development of this national network. It is a good start but is not the magic checkbook for all things for 50 states and 5 territories to deploy this network. They have provision in there so the private sector or the prime vendor, whoever deploys this network for FirstNet could also utilize some of that cellular spectrum to provide commercialized cell service to the public. However should any tie go to the bandwidth everything shifts into public safety and even begins to prioritize inside the public safety arena. Some states may be an easy build and some not so easy. Those at the front of the pack will have more access to funds than those at the back. Iowa is near the front edge of the entire conversation. It is not an insurance policy that we will opt in and be right at the front edge of this. If the plan is good for Iowa and this committee approves that plan, and the Governor approves that plan then it could happen very quickly. If not a good plan for Iowa than it could be a very slow process to go through to come up with something else. Lombard went on to define relationships, the Band-14 Core, RAN Deployment and Wireless Services, Products & Applications. FirstNet will always manage the Core. The RAN is the radio network; it includes the tower, the radio equipment at the top, equipment down at the bottom and the connection fiber that goes from every tower to connect to the Core. It is NOT FirstNet giving us the plan, they manage the Core. The prime vendor awarded by the nation will develop each state plan for the radio network. Then you have the applications and the devices (arbitrators, radios for cars, mobiles that connect this cellular network). That is a conversation for manufacturers. The current state of operations is we have mobile devices, smart devices and LMR radios. There is no

connection between land mobile radio and FirstNet. FirstNet is cellular, not WI FI. The goal would be that there be a FirstNet device in the car, there would be a FirstNet device on their hip and land mobile radio would still handle itself however, it handles itself. The process is to take either the terrestrial or the mobile cellular apparatus in the cars right now, commercial broadband space, and convert that to FirstNet and then let LMR continue to do what it is going to do. Outreach has been going on all across the state having conversations about the need for FirstNet. In Iowa when we did our data study we figured out how many potential devices there could be in the state of Iowa at any given time on this network. Using the number 40,000 statewide, the probability of us having an over subscription, we do not see that. We want to have a public safety grade network, right now the commercial sector is not public safety grade. Public safety grade is very specific. Whatever vendor gets the, public safety grade conversations are the 800-pound gorilla in the room of everything FirstNet. It is not going to be providing cellular service, but providing public safety grade apparatus is a very strong discussion and a big deal. They are building intelligence into the cellular network to high degrees of prioritization at a millisecond level that does not require human interaction. They are asking us how we want the prioritization to happen and that is the purpose for some of these workshops asking public safety and other people in our FEMA region how do they want to prioritize that access should there be different levels of a HAZMAT spill vs. a personal injury accident. Do you need to reallocate bandwidth accordingly? However, we are not saying there is no one behind the screen making these changes; the intelligence is in the system build that is statically built with all these dynamics in there.

Our current State Point of Contact (SPOC) is ISICSB Chair Tom Lampe. We have meetings nationwide with all the other SPOCs of the states talking about this conversation and listening to what is happening at FirstNet. There are conversations with the Governors, CIOs, down to the IT level all across the states. This is the best collaborative Federal program that he has ever seen and they are asking us many questions and taking those comments building it into the structure. Inside Iowa, we are using the RICs across the state, the 6 FEMA areas in the state and we are using these for points of outreach across the state. All the RICs have a voice at the FirstNet Broadband committee level. FirstNet at a Federal level has just released metro engagements that they want to start having some summits that we have already been having for 2 years. So state to state, county to county, we have done a very strong job communicating across the state about FirstNet. Of course, there are people who do not know and there are questions to be answered but he believes we have shared everything that we know. These summits have allowed us to communicate with the private sector as well as law enforcement and public safety-first responders.

The RFP is the big thing right now and they went through all this process, this RFP has to cover 50 states and 5 territories worth of telecommunication design responses that cover all the issues. The RFP has been issued and the RFP has closed. The responses have come in and are being evaluated right now. What will happen is they are evaluating these and maybe by this time next calendar year, they will have intent to award, someone came to the top and they are ready to release that intent to award. Once that intent to award happens, whoever is the prime vendor has to then develop the state plans for each of the states. We do not believe we will see a state plan this calendar year, we might see a vendor this calendar year. However, the state plan will not arrive until at the earliest maybe quarter 1 calendar of 2017. At that point, the state plan will come through the SPOC to the FirstNet Broadband Committee and they will look at it and see if it protects and enforces the design that we feel is best for public safety in the state of Iowa. If we say yes, we come back up and say, this is the state plan, and we will respond to FirstNet that we believe we have a state plan that makes sense. If it does not, that will cause a different set of actions. However, after

that draft state plan is issued at some point after that, all the final state plans will be released across the nation and 5 territories all at the same time. That will start a 90-day clock. A governor could accept it on day 1 and if they feel draft is good and as soon as the final comes down, we could have recommendation to the governor's office. Every month when he meets with governor, he updates the governor and his staff on the processes with FirstNet. He has met with FirstNet executives and other governors on the FirstNet process. If we have a good state plan, the governor would be free to go ahead, say let us do this, and deployment begins immediately. The 90-day processes happens and say the governor chooses to withhold his vote on that process, after 90 days the plan will happen anyway. The only other choice is if the governor says on the advice of our committee and Interoperability Board we don't feel that this plan is the best for the public safety of the state of Iowa and then we would come back and begin a process called Opt Out where we would begin a design that FirstNet would still have to approve, we would still have to lease spectrum and use all the funds right back into the process of development of the network and we would have to build ourselves. Those are the options. As for now, this broadband task force has recommended that unless something changes and this plan comes back not in keeping with the initial findings that Opt In would be our leaning. We do not see a reason to do anything different from that. The red button will be that if the plan comes down as not conducive to the public safety population in Iowa, we would go down the other lane. We would be willing to do that and we have the ability to have that conversation in the state. However, at this point, we do not think that is the best option.

Chair Lampe stated the reason we formed the RICs was to deal with the FirstNet initiative and roll it into land mobile radio.

Other Reports – Chair Lampe reported that he did go to that environmental impact meeting that was 450 pages long. Ric Lombard and Jontell Harris also were in attendance at this meeting. They explained the impacts on Iowa.

SWIC Allen stated that Jim Lundsted was unable to be at Board meeting as he has other obligations

Melvin Mercado reported with a brief Motorola update. Looking at the overall system build out we have 27 sites that are currently locked in so we are intending on getting a majority of those sites done before the end of this year. Those are scattered through the different regions. By the end of the year, they intend to integrate the Woodbury dispatch. The Starcom system, Dallas County radio system and dispatch and all the DPS dispatch centers throughout the state. One of the biggest milestones would be the fleet mapping which we will be meeting about in the middle of October. There are many things to discuss, as that is important in the integration of the different county needs throughout the state. As far as the Iowa State Fair, looking at the overall numbers for that event, all the feedback that we have received was good. There were 22,538 calls during the event and the three major categories of groups we are looking at was the Iowa State Patrol with a little over 8,600 calls for the duration of the state fair. The state fair police had also had a little more than 8,600 calls. Des Moines PD was on the system as well and they had approximately 5,200 for the duration of the fair. Overall, these agencies were able to operate; there was a dispatcher at the State Fair Police building where they were able to monitor not just the State Patrol but the State Fair Police and Des Moines PD. The system was heavily utilized but they had no issues to report.

Old Business – The truck for the STR has been delivered to Fleet & Supply. We are putting plates on it and will arrange for the payment to be taken out of our 220A fund in the amount of \$5,000, which was approved. We do not have a home for the west trailer right now so Chair Lampe plans on taking that truck and parking it at our Atlantic Communications Center alongside the building hooked up to the truck so it is ready to go. They have a building somewhere in western Iowa and if they would like to house that for us, that would be fine. The trailer will have to sit outside this winter hooked to that truck. The truck is an F350 gas truck so we should not have any problems.

SWIC Allen gave an update on the ISSI Committee. He and Captain Walser attended a Federal Partnership for Interoperable Communications meeting in Florida last month with a specific interest in speaking with a man from Connecticut and several federal partners about the use of the ISSI, how they used it and how it might work as we look at it in Iowa. It is one of those technologies that may not be right for our use right now because of the cost of the back haul between the various systems. Every system has to be connected to every one of the cores, there are three to the primary systems and all of the other systems in Iowa seem to have a primary core and a backup. Exclusive of the cost is the number of ports of any one of the systems might or might not have that accepts that resource and then keeping the resources at the same level of software. As we continue our research, we are looking at what other options we may be able to employ in Iowa as opposed to deploying the ISSI switch or if we may come up with another opportunity that we had not thought of that would make the ISSI switch the best practice for us. Chair Lampe stated that it was a good meeting and was great to network with the people that have already done it. There are many experts out there and he is confident that the committee along with the CIO will find the best solution for us. We have one ISSI to ISSI connect in ISICS; it is part of our ISICS platform. We are trying to find out by forming this committee what is the best way to utilize that for our system. The goal is interoperability, we have different systems in Iowa and we would like to make sure they talk to each other. The committee's job is to find the best way to do this.

Chair Lampe stated what the WISE Pilot Project for schools was started a few months ago. One of the schools is Marshalltown; the others are Norwalk and Martensdale. The goal of the program is using the ICN part 3 connections that exist at the school to throw a WI-FI signal into the air to use for public safety, either on a day to day operational use downloading video or pictures just sitting in the parking lot using the connection to do your work. The State Patrol downloads a tremendous amount of video daily to our servers. We are working out all the ways to do that and the fastest way to do that. The benefit is Public Safety is now around the schools on a daily basis. We are getting good press on it, as it has now become a national spotlight. This initiative with the WISE Pilot Project for schools is going to be a yearlong. We will test it and see how many users it will take to shut it down, what devices can be used on it. It is a huge benefit and the schools are excited about it. He has had phone calls from other schools that are interested in it so it will be a good pilot project for us. If anyone has any questions, they can call Chair Lampe or Shawn Wagner

New Business – Chair Lampe discussed the OCIO website billing. We originally contracted with a company to develop a website off a Drupal platform in Des Moines. They built that for us and a short time later we decided to go over to that State's Drupal platform as the state was moving to Drupal so was a good idea to get on board with that. The issue we are having now is that we to work out some billing issues. We have been billed some things that maybe we should not be responsible for or there was a misunderstanding on should we be paying this or are we actually responsible for this in regards to building the website and/or fixing things that did not work on the website and things that we wanted. Therefore, at this

level now, he has contacted the CIO Bob von Wolffrad and discussed this and he is making sure this is an accurate billing for us so we may be receiving a bill. Until he gets this finalized, he does not want to give a number now. In order to take it out of our budget we will have to get something but he does not know what that number is yet. Also discussed future fixes and what is the charge for future changes on the website. All that is being discussed right now. We have to have a functioning and easy to use website.

Consolidation funding for ISICS users, we have talked about this. Chair Lampe was asked to sign as one of the signers for the Board for the consolidation effort so when they are purchasing radios and getting consolidation funding for the radios, they are consolidating with the state platform by using that radio on the platform. In order to sign that he needed to get approval from the Board. In order to do that you are considered to be a user if you are going to put a radio on our network so if you are a user we need to kick in a process which is the Letter of Intent to the ISICSB Chair and then he pushes that to Chair Buffington and he takes it from there. The UGC approves it and brings it to the Board for approval. Therefore, that will be the process. He was not going to sign it on behalf of the Board without bringing it up at a Board meeting. Kamatchus asked if this was for operational or interoperation use. That is part of the process, Chair Buffington will ask the entity what are their intentions. Kamatchus asked if those who are not necessarily on Iowa's network but need to talk, do we have to apply for that? Buffington replied "Yes," there is a Matrix of Users that is required to fill out. There are 4 levels, level 1 is just interoperable only, level 2 is basically some operations, level 3 is dealing with communications centers and daily operations, level 4 is adding infrastructure. Chair Lampe stated he would sign that consolidation application as soon as the approval comes back. If we refer back to Blake's report, there are 17 applicants and five of those want to jump on the ISICS with radios so will forward those to Chair Buffington.

Chair Lampe stated the last thing is the consultant funding. We approved \$50,000 to retain Federal Engineering for consultant funding and advice for the ISICS system. We have used up about \$40,000 of those funds and we need to replenish that. He was hoping someone from Finance committee would have been here to report if they discussed this. We need to at some point repopulate that fund to keep Federal Engineering on. We do need them for the Optimization DDR coming up in October and we do call upon them when there is a question that has to do with the system or the RFP process or with the vendor. SWIC Allen stated he attended the Finance committee and did say there was a discussion about this. The previous billings were less than \$10,000 for attendance at meetings similar to this and the committee recommended that we move forward and at the next meeting after we have a billing and then determine the amount of money we would ask for to replenish the fund for future activities. Their plan was to come before the Board at the October meeting.

Public Comments – None

Motion to Adjourn: Motion made by Andy Buffington, seconded by Ted Kamatchus. Meeting adjourned at 12:25 PM